

**Table III**  
**Identification of Emerging Technologies**  
**Source Category: Polyester Resin Operations**

Pollutant: VOC

Description of Emerging Technology	Status	Source	Comments
Afterburner ( $\geq 0.3$ Second Retention Time at $\geq 1400^{\circ}\text{F}$ )	Requires economic analysis.	Best Available Control Technology by the South Coast AQMD.	
Carbon Adsorber	Requires economic analysis.	Best Available Control Technology by the South Coast AQMD.	Less efficient than the afterburner.
Compliance with SCAQMD's Rule 1162 and Use of Aqueous Emulsion Cleaner Instead of Acetone for Clean-Up to Maximum Extent Possible.	Requires economic analysis.	Best Available Control Technology by the South Coast AQMD.	Less efficient than the carbon adsorber. Note: acetone is no longer considered to be a VOC because of its low reactivity.
Use of low-VOC resins with a monomer content of 30%, pigmented gel coats with a maximum monomer content of 35%, and clear gel coat with maximum monomer content of 47%. For VOC and HC.	In practice, no economic analysis.	Seyed Sadredin San Joaquin Valley Unified APCD (209) 497-1000	
Spray booth with exhaust filters and air assisted airless spray equipment.. For PM10. 9.7 lbm/day	In practice, no economic analysis.	Seyed Sadredin San Joaquin Valley Unified APCD (209) 497-1000	
For non-woven polyester foam line, the control devices that were technologically feasible (thermal incineration and carbon adsorption) were not cost effective. For VOCs and HC.	There are no control devices for this class and category of source that are achieved in practice.	Seyed Sadredin San Joaquin Valley Unified APCD (209) 497-1000	

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